

WEST Search History

DATE: Friday, October 15, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	L2 same power	9
<input type="checkbox"/>	L2	L1 same divi\$ same puls\$	23
<input type="checkbox"/>	L1	record\$ same optical same mark\$ same length\$ same time	398

END OF SEARCH HISTORY

Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 6592245 B1

L3: Entry 1 of 9

File: USPT

Jul 15, 2003

US-PAT-NO: 6592245

DOCUMENT-IDENTIFIER: US 6592245 B1

TITLE: Method for optically marking an elongated indication path and devices using same

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tribelsky; Zamir	Jerusalem		95744	IL
Ende; Michael	Moshav Shoeva		90855	IL

US-CL-CURRENT: [362/551](#); [362/259](#), [362/552](#), [362/559](#), [362/583](#), [385/901](#), [385/93](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 2. Document ID: US 6587425 B2

L3: Entry 2 of 9

File: USPT

Jul 1, 2003

US-PAT-NO: 6587425

DOCUMENT-IDENTIFIER: US 6587425 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: [369/275.2](#); [369/288](#), [428/64.4](#), [430/270.13](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 3. Document ID: US 6496462 B2

L3: Entry 3 of 9

File: USPT

Dec 17, 2002

US-PAT-NO: 6496462

DOCUMENT-IDENTIFIER: US 6496462 B2

TITLE: Optical recording method, optical recording apparatus, and optical recording medium

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuribayashi; Isamu	Tokyo			JP
Utsunomiya; Hajime	Tokyo			JP
Shibahara; Masanori	Tokyo			JP
Aoi; Toshiki	Tokyo			JP

US-CL-CURRENT: 369/59.11; 369/275.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 4. Document ID: US 6294310 B1

L3: Entry 4 of 9

File: USPT

Sep 25, 2001

US-PAT-NO: 6294310

DOCUMENT-IDENTIFIER: US 6294310 B1

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: September 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 369/288, 428/64.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☒ 5. Document ID: US 6285647 B1

L3: Entry 5 of 9

File: USPT

Sep 4, 2001

US-PAT-NO: 6285647

DOCUMENT-IDENTIFIER: US 6285647 B1

h e b b g e e f e c e f b e

TITLE: Method and device for writing an optical record carrier

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Woudenberg; Roel	Eindhoven			NL
Duchateau; Johan P. W. B.	Wellen			BE
Borg; Hermanus J.	Eindhoven			NL

US-CL-CURRENT: 369/116; 369/53.1, 369/59.17

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Dg
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☐ 6. Document ID: US 6143468 A

L3: Entry 6 of 9

File: USPT

Nov 7, 2000

US-PAT-NO: 6143468

DOCUMENT-IDENTIFIER: US 6143468 A

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Dg
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☐ 7. Document ID: US 6115352 A

L3: Entry 7 of 9

File: USPT

Sep 5, 2000

US-PAT-NO: 6115352

DOCUMENT-IDENTIFIER: US 6115352 A

**** See image for Certificate of Correction ****

TITLE: Optical information recording medium capable of rewriting data at low reflectance and deterioration condition

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP

h e b b g e e f e c e f b e

Mizuno; Masaaki	Kanagawa	JP
Kubo; Masae	Kanagawa	JP
Tsuboya; Kanako	Kanagawa	JP
Horie; Michikazu	Kanagawa	JP

US-CL-CURRENT: 369/275.4; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☒ 8. Document ID: US 6108295 A

L3: Entry 8 of 9

File: USPT

Aug 22, 2000

US-PAT-NO: 6108295

DOCUMENT-IDENTIFIER: US 6108295 A

TITLE: Optical information recording medium

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Tsuboya; Kanako	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 9. Document ID: US 5530688 A

L3: Entry 9 of 9

File: USPT

Jun 25, 1996

US-PAT-NO: 5530688

DOCUMENT-IDENTIFIER: US 5530688 A

TITLE: Optical disk recording device using two modulated laser beams for recording information data

DATE-ISSUED: June 25, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hurst, Jr.; Jerry E.	San Jose	CA		
Rubin; Kurt A.	Santa Clara	CA		
Hsieh; Yenyu	Milpitas	CA		

US-CL-CURRENT: 369/116; 369/13.28

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate QACS
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Terms	Documents
L2 same power	9

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 23 of 23 returned.

☐ 1. Document ID: US 6713263 B2

L2: Entry 1 of 23

File: USPT

Mar 30, 2004

US-PAT-NO: 6713263

DOCUMENT-IDENTIFIER: US 6713263 B2

TITLE: Method for mapping a nucleic acid

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C	Madison	WI		

US-CL-CURRENT: 435/6; 436/94

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 2. Document ID: US 6661760 B2

L2: Entry 2 of 23

File: USPT

Dec 9, 2003

US-PAT-NO: 6661760

DOCUMENT-IDENTIFIER: US 6661760 B2

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.11; 369/116, 369/59.12, 369/59.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 3. Document ID: US 6610256 B2

L2: Entry 3 of 23

File: USPT

Aug 26, 2003

US-PAT-NO: 6610256

DOCUMENT-IDENTIFIER: US 6610256 B2

TITLE: Image processing and analysis of individual nucleic acid molecules

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	Madison	WI		

US-CL-CURRENT: 422/186; 422/129, 422/55, 422/58, 422/99, 435/6, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KBAC	Draw De
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☐ 4. Document ID: US 6592245 B1

L2: Entry 4 of 23

File: USPT

Jul 15, 2003

US-PAT-NO: 6592245

DOCUMENT-IDENTIFIER: US 6592245 B1

TITLE: Method for optically marking an elongated indication path and devices using same

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tribelsky; Zamir	Jerusalem		95744	IL
Ende; Michael	Moshav Shoeva		90855	IL

US-CL-CURRENT: 362/551; 362/259, 362/552, 362/559, 362/583, 385/901, 385/93

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KBAC	Draw De
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☐ 5. Document ID: US 6587425 B2

L2: Entry 5 of 23

File: USPT

Jul 1, 2003

US-PAT-NO: 6587425

DOCUMENT-IDENTIFIER: US 6587425 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 369/288, 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Draw De
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☐ 6. Document ID: US 6509158 B1

L2: Entry 6 of 23

File: USPT

Jan 21, 2003

US-PAT-NO: 6509158

DOCUMENT-IDENTIFIER: US 6509158 B1

TITLE: Image processing and analysis of individual nucleic acid molecules

DATE-ISSUED: January 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	New York	NY		

US-CL-CURRENT: 435/6; 436/94

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Draw De
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☐ 7. Document ID: US 6496462 B2

L2: Entry 7 of 23

File: USPT

Dec 17, 2002

US-PAT-NO: 6496462

DOCUMENT-IDENTIFIER: US 6496462 B2

TITLE: Optical recording method, optical recording apparatus, and optical recording medium

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuribayashi; Isamu	Tokyo			JP
Utsunomiya; Hajime	Tokyo			JP
Shibahara; Masanori	Tokyo			JP
Aoi; Toshiki	Tokyo			JP

US-CL-CURRENT: 369/59.11; 369/275.2

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWIC	Draw Dg
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☐ 8. Document ID: US 6448012 B1

L2: Entry 8 of 23

File: USPT

Sep 10, 2002

US-PAT-NO: 6448012

DOCUMENT-IDENTIFIER: US 6448012 B1

TITLE: Method for mapping a nucleic acid

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David	New York	NY		

US-CL-CURRENT: 435/6; 436/94

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWIC	Draw Dg
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☐ 9. Document ID: US 6411579 B1

L2: Entry 9 of 23

File: USPT

Jun 25, 2002

US-PAT-NO: 6411579

DOCUMENT-IDENTIFIER: US 6411579 B1

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.12; 369/116, 369/47.5, 369/59.11

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWIC	Draw Dg
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☐ 10. Document ID: US 6294310 B1

L2: Entry 10 of 23

File: USPT

Sep 25, 2001

US-PAT-NO: 6294310

DOCUMENT-IDENTIFIER: US 6294310 B1

TITLE: Optical information recording medium and optical recording method

h e b b g e e e f e c e f b e

DATE-ISSUED: September 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 369/288, 428/64.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Da
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☐ 11. Document ID: US 6294136 B1

L2: Entry 11 of 23

File: USPT

Sep 25, 2001

US-PAT-NO: 6294136

DOCUMENT-IDENTIFIER: US 6294136 B1

TITLE: Image processing and analysis of individual nucleic acid molecules

DATE-ISSUED: September 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	New York	NY		

US-CL-CURRENT: 422/186; 422/129, 422/55, 422/58, 422/99, 435/6, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Da
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☐ 12. Document ID: US 6285647 B1

L2: Entry 12 of 23

File: USPT

Sep 4, 2001

US-PAT-NO: 6285647

DOCUMENT-IDENTIFIER: US 6285647 B1

TITLE: Method and device for writing an optical record carrier

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Woudenberg; Roel	Eindhoven			NL
Duchateau; Johan P. W. B.	Wellen			BE
Borg; Hermanus J.	Eindhoven			NL

US-CL-CURRENT: 369/116; 369/53.1, 369/59.17

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Dg
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☐ 13. Document ID: US 6150089 A

L2: Entry 13 of 23

File: USPT

Nov 21, 2000

US-PAT-NO: 6150089

DOCUMENT-IDENTIFIER: US 6150089 A

**** See image for Certificate of Correction ****

TITLE: Method and characterizing polymer molecules or the like

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David	New York	NY		

US-CL-CURRENT: 435/6; 204/450, 204/456, 204/600, 204/606

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Dg
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☐ 14. Document ID: US 6147198 A

L2: Entry 14 of 23

File: USPT

Nov 14, 2000

US-PAT-NO: 6147198

DOCUMENT-IDENTIFIER: US 6147198 A

TITLE: Methods and compositions for the manipulation and characterization of individual nucleic acid molecules

DATE-ISSUED: November 14, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	New York	NY		

US-CL-CURRENT: 536/23.1; 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Dg
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☐ 15. Document ID: US 6143468 A

L2: Entry 15 of 23

File: USPT

Nov 7, 2000

US-PAT-NO: 6143468

DOCUMENT-IDENTIFIER: US 6143468 A

TITLE: Optical information recording medium and optical recording method

h e b b g e e e f e c e f b e

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 16. Document ID: US 6115352 A

L2: Entry 16 of 23

File: USPT

Sep 5, 2000

US-PAT-NO: 6115352

DOCUMENT-IDENTIFIER: US 6115352 A

**** See image for Certificate of Correction ****

TITLE: Optical information recording medium capable of rewriting data at low reflectance and deterioration condition

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Tsuboya; Kanako	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.4; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 17. Document ID: US 6108295 A

L2: Entry 17 of 23

File: USPT

Aug 22, 2000

US-PAT-NO: 6108295

DOCUMENT-IDENTIFIER: US 6108295 A

TITLE: Optical information recording medium

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP

h e b b g e e e f e c e f b e

Mizuno; Masaaki	Kanagawa	JP
Kubo; Masae	Kanagawa	JP
Tsuboya; Kanako	Kanagawa	JP
Horie; Michikazu	Kanagawa	JP

US-CL-CURRENT: 369/275.2; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 18. Document ID: US 5848045 A

L2: Entry 18 of 23

File: USPT

Dec 8, 1998

US-PAT-NO: 5848045

DOCUMENT-IDENTIFIER: US 5848045 A

TITLE: Method for recording and reading an optical disk

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kirino; Fumiyoshi	Suginami-ku			JP
Toda; Tsuyoshi	Kodaira			JP
Ide; Hiroshi	Kodaira			JP
Sugiyama; Hisataka	Kodaira			JP
Saito; Atsushi	Ichikawa			JP
Tsuchinaga; Hiroyuki	Kokubunji			JP
Maeda; Takeshi	Kokubunji			JP
Kugiya; Fumio	Hachiouji			JP
Kaku; Toshimitsu	Sagamihara			JP
Mita; Seiichi	Tsukui-gun			JP
Shigematsu; Kazuo	Kitakatsushika-gun			JP
Ouchi; Yasuhide	Odawara			JP

US-CL-CURRENT: 369/47.53; 369/53.27

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 19. Document ID: US 5790482 A

L2: Entry 19 of 23

File: USPT

Aug 4, 1998

US-PAT-NO: 5790482

DOCUMENT-IDENTIFIER: US 5790482 A

TITLE: Optical disk apparatus for recording information using a light intensity modulation method with a partial response detector

h e b b g e e e f e c e f b e

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Saga; Hideki	Kokubunji			JP
Tsuchinaga; Hiroyuki	Odawara			JP
Sukeda; Hirofumi	Tokorozawa			JP

US-CL-CURRENT: 369/13.27; 369/47.51, 369/59.22

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. Dc
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☐ 20. Document ID: US 5768245 A

L2: Entry 20 of 23

File: USPT

Jun 16, 1998

US-PAT-NO: 5768245

DOCUMENT-IDENTIFIER: US 5768245 A

TITLE: Optical disk apparatus

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maeda; Miyozo	Kawasaki			JP
Nanba; Yoshiyuki	Kawasaki			JP
Numata; Takehiko	Kawasaki			JP

US-CL-CURRENT: 369/116; 369/53.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. Dc
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☐ 21. Document ID: US 5720928 A

L2: Entry 21 of 23

File: USPT

Feb 24, 1998

US-PAT-NO: 5720928

DOCUMENT-IDENTIFIER: US 5720928 A

TITLE: Image processing and analysis of individual nucleic acid molecules

DATE-ISSUED: February 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	New York	NY		

US-CL-CURRENT: 422/186; 422/129, 422/55, 422/58, 422/99, 435/6

h e b b g e e e f e c e f b e

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 22. Document ID: US 5703855 A

L2: Entry 22 of 23

File: USPT

Dec 30, 1997

US-PAT-NO: 5703855

DOCUMENT-IDENTIFIER: US 5703855 A

TITLE: Optical disk apparatus and recording and reading method for an optical disk using the same

DATE-ISSUED: December 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kirino; Fumiyoshi	Suginami-ku			JP
Toda; Tsuyoshi	Kodaira			JP
Ide; Horishi	Kodaira			JP
Sugiyama; Hisataka	Kodaira			JP
Saito; Atsushi	Ichikawa			JP
Tsuchinaga; Hiroyuki	Kokubunji			JP
Maeda; Takeshi	Kokubunji			JP
Kugiya; Fumio	Hachiouji			JP
Kaku; Toshimitsu	Sagamihara			JP
Mita; Seiichi	Tsukui-gun			JP
Shigematsu; Kazuo	Kitakatsushika-gun			JP
Ouchi; Yasuhide	Odawara			JP

US-CL-CURRENT: 369/53.19; 369/124.14, 369/44.32

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 23. Document ID: US 5530688 A

L2: Entry 23 of 23

File: USPT

Jun 25, 1996

US-PAT-NO: 5530688

DOCUMENT-IDENTIFIER: US 5530688 A

TITLE: Optical disk recording device using two modulated laser beams for recording information data

DATE-ISSUED: June 25, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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